

## ER-2 #806 01/27/17

**Aircraft:**

[ER-2 #806](#) (See full schedule)

**Flight Number:**

17-6014

**Payload Configuration:**

AVIRIS-C, MASTER, HyTES

**Nav Data Collected:**

Yes

**Total Flight Time:**

3.9 hours

**Comments:**

Comments: 806 took off a little late. The arresting gear for the F-18s were still on the runway. Took off at 1942Z. Flew Line 8 west; 5% cloud cover. Volcano line starting at south end had some clouds; north end clear. At Kilauea volcano the sky was clear. Vince said he could see the ER-2 from the ground! His grad student took a hi-res picture of the ER-2 with a long contrail and sent it to the distribution list. Line 9 had 10% clouds; Line 39 was socked in at Maui but clear over Molokai; Line 42 had 40% clouds; Line 25 had 25% clouds; Line 26 had 30% clouds; Molokai was sky clear; Oahu coast was sky clear. Landed at 2335Z for 3.9 hour flight. Jet is good for tomorrow's planned flight.

**Submitted by:**

Kevin Walsh on 01/31/17

**Flight Segments:**

<b>From:</b>	MCAS Kaneohe Bay, HI	<b>To:</b>	MCAS Kaneohe Bay, HI
<b>Start:</b>	01/27/17 19:42 Z	<b>Finish:</b>	01/27/17 23:35 Z
<b>Flight Time:</b>	3.9 hours		
<b>Log Number:</b>	<a href="#">172032</a>	<b>PI:</b>	Robert Green
<b>Funding Source:</b>	Woody Turner - NASA - SMD - ESD Biological Diversity		
<b>Purpose of Flight:</b>	Science		
<b>Comments:</b>	Purpose: The 4th science mission of the campaign was to intersect an overflight of the NASA ASTER satellite at 10:59AM HST. In addition, the flight plan included flying the volcano trade wind lines and coral lines around the island of Hawaii.		

**Flight Hour Summary:**

	162013	172032
<b>Flight Hours Approved in SOFRS</b>	90	
<b>Flight Hours Previously Approved</b>		90
<b>Total Used</b>	0	65.3
<b>Total Remaining</b>		24.7

**172032 Flight Reports**

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining
<a href="#">01/17/17 - 01/18/17</a>	17-6010	Transit	6.8	6.8	83.2
<a href="#">01/19/17</a>	17-6011	Science	3.2	10	80
<a href="#">01/26/17</a>	17-6012	Science	2.4	12.4	77.6
<a href="#">01/27/17</a>	17-6013	Science	2.1	14.5	75.5
<a href="#">01/27/17</a>	17-6014	Science	3.9	18.4	71.6
<a href="#">01/29/17</a>	17-6015	Science	2.6	21	69
<a href="#">02/02/17</a>	17-6016	Science	3.5	24.5	65.5
<a href="#">02/03/17 - 02/04/17</a>	17-6017	Science	4.8	29.3	60.7
<a href="#">02/07/17 - 02/08/17</a>	17-6018	Science	2.1	31.4	58.6
<a href="#">02/08/17</a>	17-6019	Science	3.2	34.6	55.4
<a href="#">02/09/17</a>	17-6020	Science	3.6	38.2	51.8
<a href="#">02/10/17</a>	17-6021	Science	2.8	41	49
<a href="#">02/12/17</a>	17-6022	Science	0.6	41.6	48.4
<a href="#">02/21/17 - 02/22/17</a>	17-6023	Science	5	46.6	43.4
<a href="#">02/22/17</a>	17-6024	Science	2.7	49.3	40.7

<a href="#">02/23/17</a>	17-6025	Science	3	52.3	37.7
<a href="#">02/24/17</a>	17-6026	Science	5.4	57.7	32.3
<a href="#">03/03/17 - 03/04/17</a>	17-6027	Transit	7.6	65.3	24.7

**Source URL:** [https://airbornescience.nasa.gov/flight\\_reports/ER-2\\_806\\_01\\_27\\_17\\_0?destination=node/46416](https://airbornescience.nasa.gov/flight_reports/ER-2_806_01_27_17_0?destination=node/46416)

## [NASA Home](#)

Page Last Updated: April 22, 2017

Page Editor: Erin Justice

NASA Official: Bruce A. Tagg

- [Budgets, Strategic Plans and Accountability Reports](#)
- [Equal Employment Opportunity Data Posted Pursuant to the No Fear Act](#)
- [Information-Dissemination Policies and Inventories](#)
- [Freedom of Information Act](#)
- [Privacy Policy & Important Notices](#)
- [NASA Advisory Council](#)
- [Inspector General Hotline](#)
- [Office of the Inspector General](#)
- [NASA Communications Policy](#)
- [Contact NASA](#)
- [Site Map](#)
- [USA.gov](#)
- [Open Government at NASA](#)

*Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.*